

Chromosome Research Project

Name_____ Block_____

Chromosome Number_____

1. How many genes does the chromosome contain? _____

2. Gene Example 1 (Click on the *Genes on Chromosome* link.)

A. Official name of gene_____

B. Official symbol of gene_____

C. Number of base pairs_____

D. Function of the gene

a. Where is the protein the gene makes located in the human body?

b. How does the protein/gene help the human body function?

3. Gene Example 2

A. Official name of gene_____

B. Official symbol of gene_____

C. Number of base pairs_____

D. Function of the gene

a. Where is the protein the gene makes located in the human body?

b. How does the protein/gene help the human body function?

4. Changes in the chromosome that cause health conditions

A. Health Condition Example 1

1. Name of condition

2. Cause of the condition

3. Symptoms/Signs of the Condition

4. How does the condition affect the functioning of the human body?

5. How is the condition treated or managed?

5. Changes in the chromosome that cause health conditions

A. Health Condition Example 2

1. Name of condition

2. Cause of the condition

3. Symptoms/Signs of the Condition

4. How does the condition affect the functioning of the human body?

5. How is the condition treated or managed?
